# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 96 | (380/200).CCLS. | USPAT; USOCR | OR | OFF | 2006/03/20 14:28 |
| S2 | 12 | ((380/200).CCLS.) and mpeg and watermark | USPAT | OR | OFF | 2004/05/14 09:53 |
| S3 | 5 | ((380/200).CCLS.) and (mpeg and watermark and compression and parameter) | USPAT | OR | OFF | 2004/05/14 09:58 |
| S4 | 221 | (380/201).CCLS. | USPAT; USOCR | OR | OFF | 2004/05/14 09:58 |
| S5 | 5 | (mpeg and watermark and compression and parameter) and ((380/201).CCLS.) | USPAT | OR | OFF | 2004/05/14 10:00 |
| S6 | 79 | (380/202).CCLS. | USPAT; USOCR | OR | OFF | 2004/05/14 10:00 |
| S7 | 2 | (((380/200).CCLS.) and (mpeg and watermark and compression and parameter)) and ((380/202).CCLS.) | USPAT | OR | OFF | 2004/05/14 10:00 |
| S8 | 116 | mpeg and watermark and compression and parameter | USPAT | OR | OFF | 2004/05/14 10:02 |
| S9 | 512 | (713/176).CCLS. | USPAT; USOCR | OR | OFF | 2004/05/14 10:03 |
| S10 | 32 | ((713/176).CCLS.) and (mpeg and watermark and compression and parameter) | USPAT | OR | OFF | 2004/05/14 10:10 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S11 | 98 | (("5361098") or ("6675148") or ("5809139") or ("6310962") or ("6621933") or ("6157330") or ("6233347") or ("6038346") or ("5818877") or ("6173080") or ("6317520") or ("5737446") or ("6002438") or ("6473736") or ("5884269") or ("6229463") or ("6385588") or ("4384354") or ("5748784") or ("5754699") or ("5802240") or ("5949908") or ("RE36822") or ("6167157") or ("4533957") or ("4568916") or ("4833693") or ("4885637") or ("5233349") or ("5404138") or ("5767909") or ("5848194") or ("5852469") or ("5859926") or ("5925146") or ("6405132") or ("6363119") or ("5528628") or ("5850482") or ("6349284") or ("5933798") or ("6285775") or ("5845008") or ("6289125") or ("6252972") or ("6078664") or ("6094722") or ("5636292") or ("5710834") or ("5748763") or ("5768426") or ("5848155") or ("5850481") or ("5949055") or ("6330672") or ("6341350") or ("6721437") or ("6115494") or ("6442284") or ("6507299") or ("6574349") or ("6222636") or ("6222636") or ("5414469") or ("5642166") or ("5708473") or ("5828789") or ("6222886") or ("6222886") or ("6438266") or ("6636642") or ("5680129") or ("5835034") or ("5764374") or ("5970174") or ("6449393") or ("6108449") or ("4809350") or ("4870695") or ("5282256") or ("5635932") or ("5748122") or ("4837617") or ("4974154") or ("5404467") or ("5418863") or ("5519786") or ("5550540") or ("5652581") or ("5694126") or ("5883978") or ("5960117") or ("6157396") or ("6205181") or ("6345121") or ("6504877") or ("6560363") or ("6567555") or ("6574277") or ("6608939")).PN. | USPAT; USOCR | OR | OFF | 2004/05/14 10:19 |
| S12 | 5 | ("5428683" \| "5568570" \| "5757910" \| "5809139" \| "5889868").PN. | USPAT | OR | OFF | 2004/05/14 10:16 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S13 | 1 | compression and (embedding adj supplemental adj data) | USPAT | OR | OFF | 2006/03/21 12:51 |
| S14 | 1 | ("6192138").PN. | USPAT; USOCR | OR | OFF | 2004/05/14 12:37 |
| S16 | 106 | linnartz-.in. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2005/02/01 20:12 |
| S17 | 1 | ("6574349").PN. | USPAT | OR | OFF | 2005/02/01 20:13 |
| S18 | 0 | ("9408792").PN. | USPAT | OR | OFF | 2005/02/01 20:13 |
| S19 | 1 | ("6580682").PN. | USPAT | OR | OFF | 2005/02/01 20:15 |
| S20 | 1 | ("6690812").PN. | USPAT | OR | OFF | 2005/02/01 20:15 |
| S21 | 106 | linnartz.in. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | OFF | 2005/02/02 14:26 |
| S22 | 1 | ("6131161").PN. | USPAT | OR | OFF | 2005/02/02 14:26 |
| S23 | 7 | ("5267153" \| "5416606" \| "5488664" \| "5530759" \| "5664018" \| "5732157" \| "5748783").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/02 14:35 |
| S24 | 0 | (encode with watermark with lossless) | USPAT | OR | OFF | 2005/02/02 14:36 |
| S25 | 2 | (encode same watermark same lossless) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/02/02 14:38 |
| S26 | 1 | ("6243480").PN. | USPAT | OR | OFF | 2005/02/02 14:37 |
| S27 | 45 | (watermark same lossless) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/02/03 11:37 |
| S28 | 4 | (watermark same lossless) and (playback) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/02/03 11:51 |
| S29 | 31 | disc and mpeg and (watermark with extract$) | USPAT | OR | OFF | 2005/02/03 12:13 |
| S30 | 7 | disc and mpeg and (watermark with extract$) and parameter | USPAT | OR | OFF | 2005/02/03 12:52 |

# EAST Search History

| S31 | 951 | ((380/200) or (380/201) or (380/202) or (713/176)).CCLS. | USPAT | OR | OFF | 2005/02/03 12:52 |
|-----|-----|----------------------------------------------------------|-------|----|-----|-------------------|
| S32 | 139 | S31 and (@pd > "20040513") | USPAT | OR | OFF | 2005/02/03 12:54 |
| S33 | 33 | S31 and (@pd > "20040513") and mpeg | USPAT | OR | OFF | 2005/02/03 12:55 |
| S34 | 17 | S31 and (@pd > "20040513") and mpeg and watermark | USPAT | OR | OFF | 2005/02/03 12:55 |
| S35 | 7 | watermark and (lossless adj encoding) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 14:36 |
| S36 | 71 | watermark same (lossless) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 14:37 |
| S37 | 7 | ("20030081809" \| "20030149879" \| "5966465" \| "6275599" \| "6278791" \| "6332030" \| "6456726").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 15:20 |
| S38 | 993 | watermark same compression | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 15:20 |
| S39 | 104 | watermark same compression and lossless | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 15:30 |
| S40 | 0 | (custom and character and coding and compression and watermark).ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 15:31 |
| S41 | 0 | (custom and character-coding and compression and watermark).ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 15:31 |
| S42 | 6 | (watermark same huffman adj codebook) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 15:57 |
| S43 | 103 | (watermark same lsb) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 15:58 |
| S44 | 26 | (watermark same lsb same compression) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 18:32 |
| S45 | 1 | ("6332194").PN. | USPAT | OR | OFF | 2006/03/20 16:48 |
| S46 | 1278 | ((380/200) or (380/201) or (380/202) or (713/176)).CCLS. | USPAT | OR | OFF | 2006/03/20 16:49 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S47 | 322 | S46 and (@pd > "20050203") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 17:19 |
| S48 | 1 | (filter adj coefficient) same lsb same watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 17:34 |
| S49 | 15 | ("4743490" \| "4903296" \| "5412718" \| "5434917" \| "5495466" \| "5607188" \| "5608718" \| "5649054" \| "5678863" \| "5724327" \| "5761301" \| "5809006" \| "5930369" \| "5946286" \| "6205249").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 17:20 |
| S50 | 112 | lsb same watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 17:35 |
| S51 | 54 | watermark same gif | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/20 21:09 |
| S52 | 1 | ("6122379").PN. | USPAT | OR | OFF | 2006/03/21 15:33 |
| S53 | 6 | (watermark and (huffman (arithmetic adj coder))).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/20 21:13 |
| S54 | 0 | prediction adj filter adj coefficient and watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 12:52 |
| S55 | 36 | probability with coefficient and watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:14 |

# EAST Search History

| S56 | 266 | lossless with compression and watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:15 |
|---|---|---|---|---|---|---|
| S57 | 47 | lossless with compression same watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:32 |
| S58 | 12857 | lossless with compression same parametersame watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:32 |
| S59 | 2 | lossless with compression same parameter same watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:33 |
| S60 | 7 | lossless with compression same parameter and watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:34 |
| S61 | 228 | compression with parameter and watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:34 |
| S62 | 58 | compression with parameter same watermark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:36 |
| S63 | 1 | MORIYA-TAKEHIRO.in. and TAKASHIMA-YOICHI.in. and NAKAMURA-TAKAO.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:37 |

# EAST Search History

| S64 | 1 | MORIYA.in. and TAKASHIMA.in. and NAKAMURA.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 13:37 |
|-----|-----|-----|-----|-----|-----|-----|
| S65 | 11 | ("4107458" \| "4316055" \| "4471164" \| "4760600" \| "4815130" \| "5307412" \| "5365588" \| "5454039" \| "5479512" \| "5517614" \| "5751859").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 14:47 |
| S66 | 7 | ("6122379").URPN. | USPAT | OR | ON | 2006/03/21 14:53 |
| S67 | 172 | (arithmetic adj coder) and adaptive | USPAT | OR | ON | 2006/03/21 14:53 |
| S68 | 2 | (arithmetic adj coder) and adaptive and watermark | USPAT | OR | ON | 2006/03/21 14:55 |
| S69 | 7 | ("20030081809" \| "20030149879" \| "5966465" \| "6275599" \| "6278791" \| "6332030" \| "6456726").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 14:54 |
| S70 | 6 | (watermark and (huffman (arithmetic adj coder))).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:15 |
| S71 | 66 | (watermark same (huffman (arithmetic adj coder))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:16 |
| S72 | 5 | ("20020146123" \| "6047374" \| "6633652" \| "6674873" \| "6763121").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 15:03 |
| S73 | 67 | watermark same lossless | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 15:05 |
| S74 | 1 | ("5486686").PN. | USPAT | OR | OFF | 2006/03/21 15:05 |
| S75 | 7 | ("6122379").URPN. | USPAT | OR | ON | 2006/03/21 15:14 |
| S76 | 0 | (signature and (huffman (arithmetic adj coder))).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:15 |

# EAST Search History

| S77 | 21 | (signature same (huffman (arithmetic adj coder))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:15 |
|---|---|---|---|---|---|---|
| S78 | 1484 | (watermark same frequencies) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:16 |
| S79 | 1138 | (watermark with frequencies) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:18 |
| S80 | 1 | (watermark with (coding adj frequencies)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:17 |
| S81 | 5 | (watermark with (coder with frequencies)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:17 |
| S82 | 51 | (watermark with frequencies) and lossless | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:18 |
| S83 | 10 | watermark and (adaptive with compress) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:34 |
| S84 | 1 | watermark and (adaptive with modeler) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/21 15:34 |

# EAST Search History

| S85 | 11 | ("4107458" \| "4316055" \| "4471164" \| "4760600" \| "4815130" \| "5307412" \| "5365588" \| "5454039" \| "5479512" \| "5517614" \| "5751859").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 15:36 |
|---|---|---|---|---|---|---|
| S86 | 7 | ("6122379").URPN. | USPAT | OR | ON | 2006/03/21 15:37 |
| S87 | 26 | ("4316055" \| "4613901" \| "4953208" \| "5020106" \| "5195136" \| "5479512" \| "5509073" \| "5590194" \| "5621799" \| "5673319" \| "5727062" \| "5822432" \| "5825879" \| "5852472" \| "5862150" \| "5892900" \| "5940509" \| "5963646" \| "6005940" \| "6061449" \| "6122379" \| "6154541" \| "6167136" \| "6192129" \| "6212635" \| "6243470").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 15:40 |
| S88 | 0 | embedding with supplemental with lossless | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 15:41 |
| S89 | 5 | supplemental with lossless | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 15:41 |
| S90 | 7 | ("6122379").URPN. | USPAT | OR | ON | 2006/03/21 16:00 |
| S91 | 8 | ("4638357" \| "5377266" \| "5515437" \| "5636279" \| "5706346" \| "6122379" \| "6154542" \| "6215875").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 17:12 |
| S92 | 363 | ((cd disc) adj player) and watermark | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 17:23 |
| S93 | 1 | ("5889868").PN. | USPAT | OR | OFF | 2006/03/21 17:20 |
| S94 | 72 | ((cd disc) adj player) and watermark.ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/21 17:23 |